

FOS Overview

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FOS CSR Roadmap



Overview Material

FOS Overview

- CSR Objectives
- FOS Status & Schedule

TRR Action Item Summary

- Review each TRR action item
- Present status of each

FOS System Status

EOC Installation Status

- Hardware status
- COTS status
- Open items

FOS Dry-Run Phase

Dry-Run Test Results

- Dry-Run Test Status
- Technical Issues and Liens

FOS Acceptance Test Phase

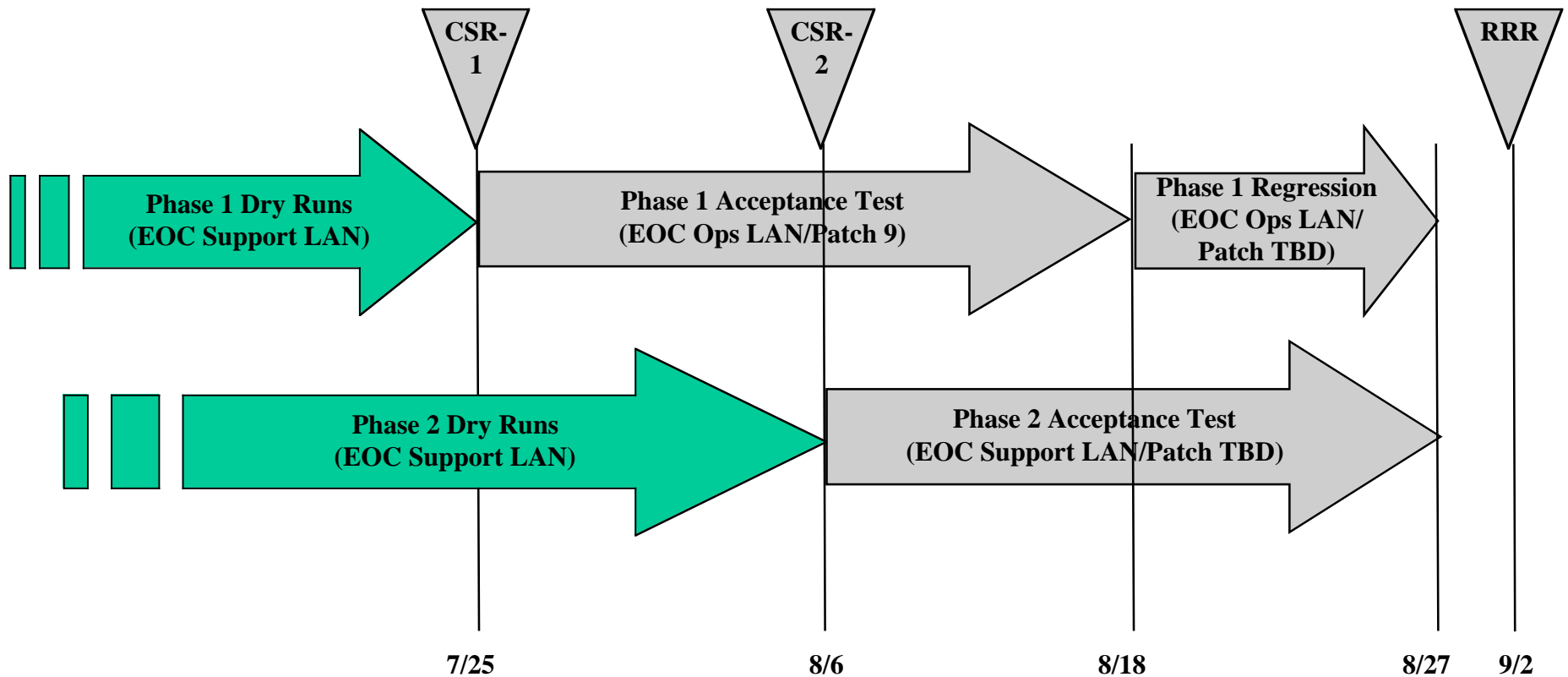
Acceptance Test Plans

- EOC test environment
- EOC test activities
- EOC test process

Audits

- PCA
- FCA

Road to FOS Release B RRR



CSR Objectives



CSR Objectives

- **Closure of TRR action items**
- **Provide status on EOC installation**
 - **Hardware and network working in the EOC**
 - **COTS integrated in the EOC**
- **Demonstrate readiness of the application software for Acceptance Testing**
 - **Successfully completed Dry-Run Testing**
 - **Document liens against the FOS Release B system**
- **Demonstrate readiness of the FOS/ATO combined test team to proceed with testing**
 - **Red-lined Test Procedures**
 - **Acceptance Test processes clearly defined and documented**
 - **Defined test data and controlled test tools**

Highlights/Goals



FOS Test “Streamlining”

- **Provided early delivery of FOS system to EOC (post-TRR)**
 - **COTS hardware and software installation**
 - **FOS Software installation**
 - **Test procedure checkout and dry-run**
- **Integrated FOS Test Team**
 - **FOS Test and Acceptance Test Organization team**
- **L4 requirements verification**
 - **Verification of L4 requirements during Acceptance Test phase in addition to RBR and IRD requirements**

FOS Release B Documentation Summary



TRR

- Test Procedures - DID 322/411
- Test Procedures - DID 322/411 and Test Reports - DID 324/412

Post-TRR (drafts)

- Programmer's Manual - DID 612
- As-Built Design Specification - DID 305

CSR

- Operations Tools Manual - DID 609
- Version Description Document (draft)
- Test Procedures - DID 322/411 (red-lines)

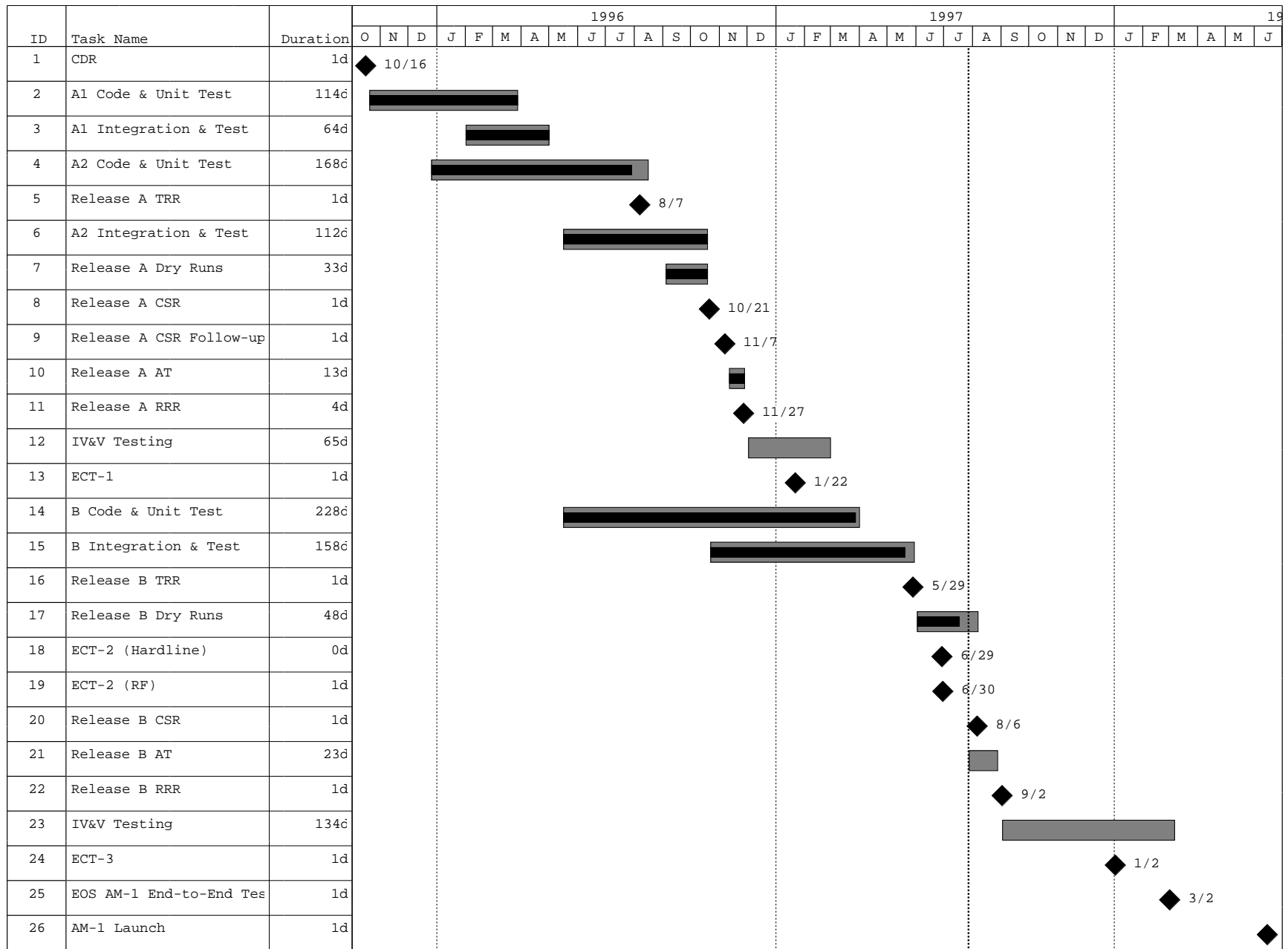
RRR

- Programmer's Manual - DID 612
- As-Built Specification - DID 305
- Version Description Document
- Acceptance Data Package - DID 535 and FCA/PCA Audit Report

FOS Schedule



See next page.



Training Plans



Training to Date

- FOT has received “hands-on” training during spacecraft tests (e.g. ECT-1, ECT-2)
- IOT has received “hands-on” training during ground system tests (e.g. IST installations)

Future Training

- Informal Training provided by current FOT w/ support as necessary from FOS (Aug '97 - Launch)
 - support of Operations CIs development, Exercises, Simulations and Spacecraft tests
 - IST Installations
- Formal Classroom Training provided by FOT (Feb '98 - Mar '98)